



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **Takayuki KITAZAWA et al.**

Group Art Unit: **2835**

Serial Number: **10/648,283**

Examiner: **Michael Rutland-Wallis**

Filed: **August 27, 2003**

Confirmation Number: **4445**

For: **SWITCHING CIRCUIT, SWITCHING MODULE AND METHOD OF
CONTROLLING THE SWITCHING CIRCUIT**

Attorney Docket Number: **031080**

Customer Number: **38834**

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.97(b)

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

December 23, 2005

Sir:

In compliance with 37 C.F.R. §1.56, Applicants direct the attention of the Patent and Trademark Office to the documents listed on the attached PTO/SB/08. This paper is being filed within the time periods set forth in 37 C.F.R. §1.97(b). A copy of each non-U.S. document is enclosed herewith, along with a copy of Japanese Patent Office Action dated April 27, 2005 and a copy of Japanese Patent Office Action dated December 6, 2005.

If there are any fees due in connection with the filing of this paper, please charge Deposit

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Respectfully submitted,

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Enclosures: PTO/SB/08

Documents (4)

Japanese Patent Office Actions dated April 27, 2005 and December 6, 2005

Combined Form PTO/SB/08A&B

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/648,283
Confirmation Number	4445
Filing Date	August 27, 2003
First Named Inventor	Takayuki KITAZAWA et al.
Art Unit	2835
Examiner Name	Michael Rutland-Wallis
Attorney Docket Number	031080

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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US			
		US			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		JP	58-93042		6/23/1983	Yokogawa Electric Corp.	abstract
		JP	5-315920		11/26/1993	Matsushita Electric Ind. Co., Ltd.	abstract
		JP	63-142716		6/15/1988	Hitachi Ltd.	abstract
		JP	2002-135095		5/10/2002	Kansai Nippon Electric	YES (corresponding to U.S. Publication No. 2002-05144

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.